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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/871,929	06/01/2001	Richard Dean Dettinger	ROC920010022US1	1395

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WOOD, HERRON & EVANS, L.L.P. (IBM)  
2700 CAREW TOWER  
441 VINE STREET  
CINCINNATI, OH 45202

EXAMINER

MIRZA, ADNAN M

ART UNIT	PAPER NUMBER
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2145

DATE MAILED: 01/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/871,929

Applicant(s)

DETINGER ET AL.

Examiner

Adnan M Mirza

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-69 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-69 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 02/15/2002.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-69 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chino et al (U.S. 2002/0152122) and Narin et al (U.S. 6,691,176).

3. As per claims 1,12,15 Chino disclosed a method of providing an information handling capability to a client computer system in a networked computer system comprising client and server computer systems, comprising the following steps performed at a server computer system: identifying factors relevant to provision of said information handling capability by said client computer, selecting one of at least a first and a second service to be uploaded to said client computer based upon said factors (Page. 5, Paragraph. 0088-0089),

However Chino did not disclose in detail said first and second services comprising different executable code for providing said information handling capability, and delivering said selected service to said client computer system, so that said information handling capability may be realized by said client computer upon execution of code within said selected service at said client computer system.

In the same field of endeavor Narin disclosed a script wrapper allows script to be written without regard to different browser brands. The service manager then forwards the service calls to the corresponding service within its control. The service then performs according to the call and information can flow back to the script via the service manager, connector object (Active X control interface or Plug-In interface) and script wrapper. Service manager can also send information regarding events to the scripting space by way of the service manager and an event handler (col. 9, lines 30-39).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated a script wrapper allows script to be written without regard to different browser brands. The service manager then forwards the service calls to the corresponding service within its control. The service then performs according to the call and information can flow back to the script via the service manager, connector object (Active X control interface or Plug-In interface) and script wrapper. Service manager can also send information regarding events to the scripting space by way of the service manager and an event handler as taught by Narin in the method of Chino to provide an infrastructure whereby such objects persist across Web pages, thus avoiding destruction and recreation of objects (col. 3, lines 46-49).

4. As per claims 2,13,16 Chino-Narin disclosed wherein said services comprise data in addition to executable code (Narin, col. 9, lines 43-51).

5. As per claims 3,14,17 Chino-Narin disclosed wherein said factors comprise one or more of: the operating system used by said server computer system, the operating system used by said client computer system, the bandwidth of a communications connection between said client and server computer system, the date and/or time of day, the cost of a communications connection between said client and server computer system, and the location of said client and/or server computer system (Narin, col. 6, lines 65-67 & col. 7, lines 1-15).

6. As per claims 4,23,40,53 Chino-Narin disclosed wherein said information handling capability comprises providing brokerage information to a user of said client computer system (Narin, col. 7, lines 1-15).

7. As per claims 5,24,41,54 Chino-Narin disclosed wherein said brokerage information comprises product information and pricing (Narin, col. 6, lines 65-67 & col. 7, lines 1-15).

8. As per claims 6,25,42,55 Chino-Narin disclosed wherein said product is real estate property (Chino, Page. 9, Paragraph 0158).

9. As per claims 7,26,43,56 Chino-Narin disclosed wherein said product is chattel property (Chino, Page. 9, Paragraph 0158).

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10. As per claims 8,27,44,57 Chino-Narin disclosed wherein said product is an automobile (Chino, Page. 9, Paragraph 0158).

11. As per claims 9,28,45,58 Chino-Narin disclosed wherein said information handling capability comprises providing scheduling information to a user of said client computer system (Chino, Page. 12, Paragraph. 0205).

12. As per claims 10,29,46,59 Chino-Narin disclosed wherein said information handling capability comprises providing financial information to a user of said client computer system (Chino. Page. 9, Paragraph. 0158).

13. As per claims 11,30,47,60 Chino-Narin disclosed wherein said information handling capability comprises providing transportation service information to a user of said client computer system (Chino, Page. 12, Paragraph. 0158).

14. As per claims 18,37,50,63 Chino-Narin disclosed wherein said media comprises a transmission type media (Chino, Page. 12, Paragraph. 0202).

15. As per claims 19,38,51,64 Chino-Narin disclosed wherein said media comprises a storage media (Chino, Page. 12, Paragraph. 0202).

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16. As per claims 20,31,34,52 Chino-Narin disclosed a method of providing an information handling capability to a client computer system in a networked computer system comprising client and server computer systems, comprising the following, steps executed at a client computer system storing executable code for providing said information handling capability (Narin, col. 9, lines 30-39), performing an analysis of usage of said information handling capability by said client computer system to determine whether said executable code ought to be retained in storage by said client computer system, and in response to a determination that said executable code ought not be retained by said client computer system, unloading said executable code from storage in said client computer system (Chino, Page. 14, Paragraph. 0225).

17. As per claims 21,32,35 Chino-Narin disclosed wherein said analysis comprises determining a period of disuse of said information handling capability by said client computer system (Chino, Page. 3, Paragraph 0040).

18. As per claims 22,33,36 Chino-Narin disclosed wherein said analysis comprises determining the presence of a connection between said client computer system and a server computer system involved in provision of said information handling capability (Chino, Page. 3, Paragraph 0040).

19. As per claims 39,48,49,61,62 Chino-Narin a disclosed method of providing an information handling capability to a client computer system in a networked computer system comprising client and server computer systems, comprises the following steps executed at a

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client computer system receiving from a server computer system, executable code for providing said information handling capability (Narin, col. 9, lines 30-39), receiving from a server computer system, state information relating to a prior interaction of said client computer system and server computer system, utilizing said state information while executing said executable code at said client to provide said information handling capability (Chino, Page. 14, Paragraph. 0225).

### *Conclusion*

20. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

21. The examiner can normally be reached on Monday to Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached on (571)-272-3896. The fax for this group is (703)-746-7239.

22. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703)-746-7239 (For Status Inquiries, Informal or Draft Communications, please label "PROPOSED" or "DRAFT");



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(703)-746-7239 (For Official Communications Intended for entry, please mark "EXPEDITED PROCEDURE"),

(703)-746-7238 (For After Final Communications).

23. Any Inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-305-3900.

Any response to a final action should be mailed to:

BOX AF

Commissioner of Patents and Trademarks Washington, D.C.20231

Or faxed to:

Hand-delivered responses should be brought to 4<sup>th</sup> Floor Receptionist, Crystal Park II,  
2021 Crystal Drive, Arlington, VA 22202.

AM

Adnan Mirza

Examiner

  
ZARNI MAUNG  
SUPERVISORY PATENT EXAMINER